

Figure 3

$P_{\text{wheel}} = \text{requested } C_{\text{wheel}} \cdot \omega_{\text{wheel}}$

$P_{\text{cdt}} = P_{\text{wheel}} / \text{output}$

$P_{\text{cdt}} > 3 \text{ kW} ?$

YES

MTH operates

$P_{\text{super-capacity}} = 0$

$P_{\text{mth}} = P_{\text{cdt}}$

Note P_{mth} is possibly an engine brake

NO

$P_{\text{cdt}} > 0 ?$

YES

$E > E_{\text{min}} ?$

NO

YES

NO

$E < E_{\text{max}} ?$

NO

YES

Zero MTH torque

$P_{\text{super-capacity}} = P_{\text{cdt}}$

$P_{\text{mth}} = 0$